GUI Workshop III

Fault Setup and Management

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OVERVIEW

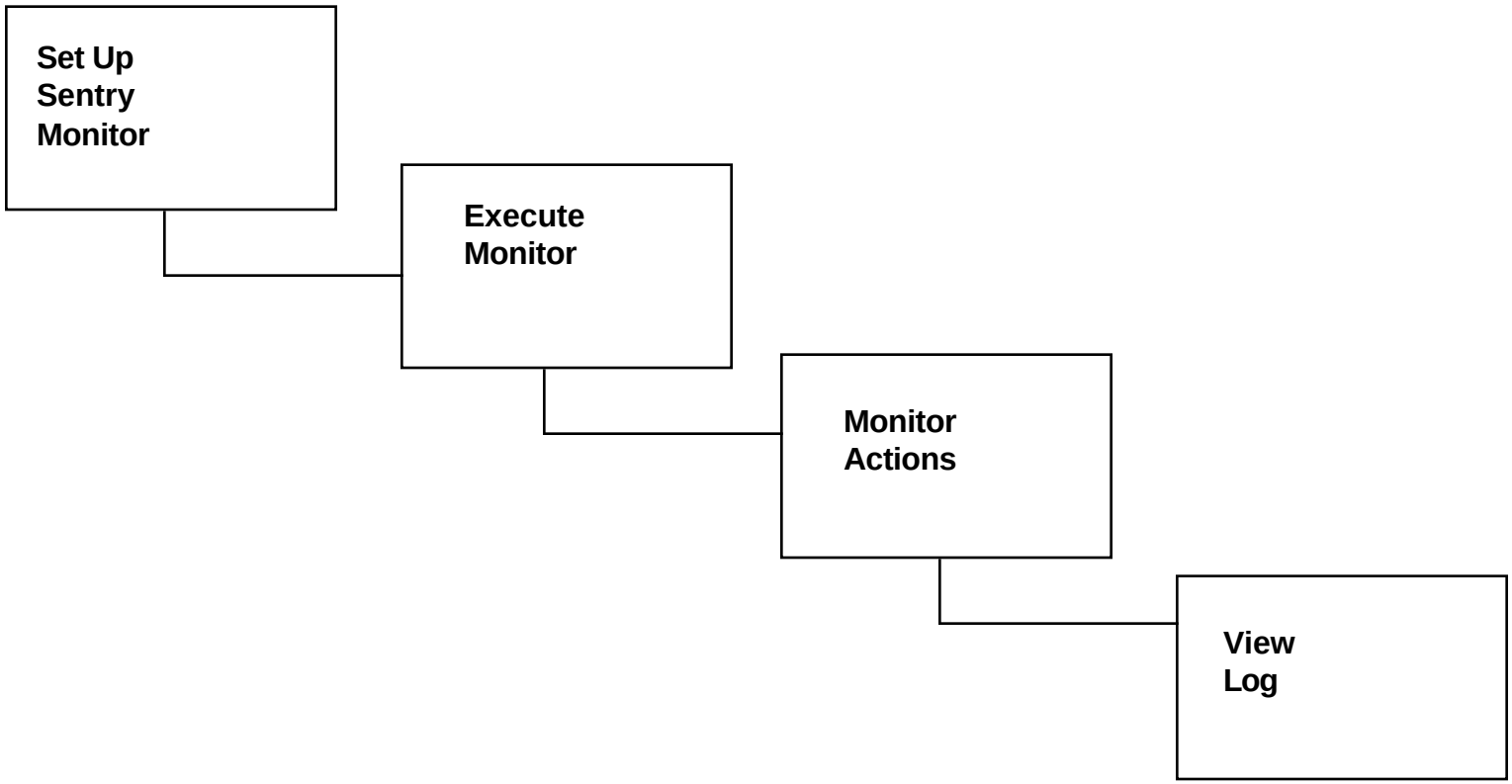
Summary and Context

Summary:

This script will demonstrate the setting up and monitor of a performance metric through Tivoli Sentry. We will then execute a Sentry Monitor and show the results of the execution. We will show the various configurable actions that are configurable through the Tivoli GUIs. We will then kill the syslog daemon to execute the actions that we have defined.

- **Context**
  - Create a Sentry Monitor to monitor the status of the syslogd (syslog daemon)
  - Kill the daemon using Tivoli's process signaler
  - Verify that all of the predefined actions were executed
  - Verify that the Indicator log recorded the information

Process Flow



Preconditions:

The Tivoli Management Environment has been previously configured to monitor some of the events that will be shown.

Tivoli is up and running on the console.

The syslogd daemon is running.

Steps:

Step No.	Time	Player	Activity	GUI
1	0800	Fault Manager	Double click on the “GSFC” Policy Region icon	TME Desktop for Administrator dkelley
2	0801	Fault Manager	From the “GSFC” Policy Region double click on the “IndicatorCollection” icon.	GSFC: Policy Region Window

3	0805	Fault Manager	Double click on the "Flt_ProfileManager" Icon to view the various profiles that have been set-up for fault management purposes.	GSFC: Policy Region Window
4	0810	Fault Manager	The Fault Manager double clicks on the "Fault_System" Icon to view the sources that have been set-up for the Fault Policy Region.	Profile Manager Window
5	0812	Fault Manager	The Fault Manager selects the "Add Monitor …" Button to add a new monitoring source.	Sentry Profile Properties
6	0814	Fault Manager	The Fault Manager selects the "Sentry2.0" option from the "Monitoring Collections" group, then selects the "Daemon Status" option from the "Monitoring Sources" and click on the "Add Empty" Button.	Add monitor to Tivoli/Sentry Profile
7	0820	Fault Manager	Set up the thresholds and actions that will be initialized for the "Daemon Status" monitor.	Edit Sentry Monitor

8	0822	Fault Manager	The Fault Manager then selects the "Set Monitoring Schedule …" to set the time interval in which the event will be monitored. The Fault Manager then clicks the "Change & Close" Button to set the schedule and return to the Edit Sentry Monitor Window.	Set Monitoring Schedule Window
9	0823	Fault Manager	The Fault Manager then clicks on the "Change & Close" Button to Set the values for the event.	Edit Sentry Monitor Window
10	0825	Fault Manager	From the "Profile" pull down menu of the Sentry Profile Window the Fault Manager selects the "Save…" option. From the same pull down menu the Fault Manager then selects the "Distribute…" option.	Sentry Profile Properties Window
11	0830	Fault Manager	Verify that the correct options are set and that the host(s) to which you wish to distribute the profile have been selected. Select the "Distribute & Close…" Button.	Distribute Profile Window

12	0835	Fault Manager	Using Tivoli, kill the Daemon Process (syslogd). From the Profile Manager Window using the right mouse button click on the host (subscriber) in which the syslogd that we wish to kill is running.	Profile Manager Window
13	0840	Fault Manager	From the Process Signaler window enter syslogd, click on the kill button and click on the “Signal selected process” to kill the daemon.	Process Signaler On Managed Node: Slimer Window
14	0842	Fault Manager	The Processes Terminated Window will appear notifying you that the process has been terminated. Click on dismiss.	Processes Terminated Window
15	0845	Fault Manager	The Fault Manager double clicks on the “Fault_System” icon to view the Fault_System Indicator Log Window.	Sentry Indicator Collection Window
16	0848	Fault Manager	The Fault Manager views the Fault_System Indicator Log to get a description of the event.	Fault_System Indicator Log Window
17	0850	Fault Manager	The Fault Manager closes all windows that are open and returns to the TME Desktop.	TME Desktop for Administrator dkelley